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2020 CERTIFICATION

Consumer Confidence Report (CCR)

Casey Jones Water Association	0					
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The Federal Safe Drinking Water Act (SDWA) requires each Cor Confidence Report (CCR) to its customers each year. Depending the customers, published in a newspaper of local circulation, or procedures when distributing the CCR.						
	N (Check all boxes that apply.)					
INDIRECT DELIVERY METHODS (Attach copy of publication	n, water bill or other)	DATE ISSUED				
range Advertisement in local paper (Attach copy of advertisement)	t)	6-23-27				
☐ On water bills (Attach copy of bill)						
□ Email message (Email the message to the address below)						
□ Other						
DIRECT DELIVERY METHOD (Attach copy of publication, w	DATE ISSUED					
□ Distributed via U. S. Postal Mail						
□ Distributed via E-Mail as a URL (Provide Direct URL):						
□ Distributed via E-Mail as an attachment						
□ Distributed via E-Mail as text within the body of email mess	age					
ন্দ্ৰ Published in local newspaper (attach copy of published CC	623-21					
□ Posted in public places (attach list of locations)						
□ Posted online at the following address (Provide Direct URL):						
I hereby certify that the CCR has been distributed to the cu above and that I used distribution methods allowed by the S and correct and is consistent with the water quality monitoring Water Supply. Name	DWA. I further certify that the info	ormation included in this CCR is true				
	NS (Select one method ONLY)					
You must email, fax (not preferred), or ma						
,	Mail: (U.S. Postal Service) Email: <u>water.reports@msdh.ms.gov</u>					
MSDH, Bureau of Public Water Supply P.O. Box 1700 Fax: (601) 576-7800 (NOT PREFERRED) Jackson, MS 39215						

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

2021 JUN 14 AM 7: 57

2020 Annual Drinking Water Quality Report Casey Jones Water Association PWS#: 0820003 June 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The well for the Casey Jones Water Association has received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Leon Rucker at 662.571.0512. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of each month at 6:30 PM at the Deasonville Voting Precinct.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST R	ESULT	rs .		A
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	minants						
10, Barium	N	2018*	.0088	.00520088	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
13. Chromium	N	2018*	5.6	4.5 – 5.6	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/19*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride	N	2018*	.295	.278295	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	160000	140000 - 160000	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfectio			,	100.00			61	Du Dundwat of depline water
81. HAA5	N	2020	68	26 - 68	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	73.2	41.9 – 73.2	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	1.2	.42– 2.1	ppm	0	MDRL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2020.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississispip State Department of Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Casey Jones Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please note: this consumer confidence report will not be mailed to each customer. It will be published in the local paper.

2020 ANNUAL DRINKING WATER QUALITY REPORT CASEY JONES WATER ASSOCIATION

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PWS#: 0820003 **JUNE 2021**

Extension can test soil for carbon content

By SUSAN COLLINS MSU Extension

Mississippi agricultural producers and landov ners who are in-terested in carbon s ter, sted in carbon sa-que tration can test their soil's carbon con-tent through the Missi-sippi State University Extension Service. The Extension Soil

The Extension Som Testing Laboratory re-cently added tests that quantify amounts of or-ganic matter and detect total curbon and nitro

total carbon and intro-gen content in soil.

"An agricultural soil carbon sequestration market is developing as a climate change mitiga-tion tool," said Larry Oldham, Extension soil specialist. "A number of private sector companies have initiatives in vorhave initiatives in vari-ous stages of develop-ment, and there is ment, and there is increasing emphasis within the U.S. Department of Agriculture Landowners or farmers who are following this process about curbon credits and carbon sequentiation may be curious about the current continuous the current on their land. By knowing the carbon centent at this point, landowners can

gauge the potential for increase through adoptment practice.
Reducing tillage, using cover cops and implementing crop rotations are among the practice.

are among the practices that can increase carbon content, Oldbam said.

Tests for organic matter nitrogen and carbon can be done using the same soil submitted for routine testing. There is no need to pull extra soil samples.

Routine soil analysis

samples. Routine soil analysis costs \$8 per sample; the new test ran be added for an additional \$2 per sample. When ordered without the routine soil tests, cost for organic matter, nitrogen and carbon testing is \$4 per

sample.
Soil sample boxes,
submission forms, soil
probes and soil sampling
directions can be obtained at the local Ex-tension office. Find contact information for offices on the Extension website at the July Formore information about our decting serv-ices or to download

forms, visit the Exten-sion website at https://bit.ly/2RQw9iE

Email Jamie Patterson at The Yazoo Herald to submit all your announcements! jamie@yazooherald.net

think again

with Lifeline, home phone or Internet service is within reach.

- Supplemental Nutrition Assistance Program (SNAP) (formerly Food Stamps)

- Itementy Food Starres)
 Medicad
 Medicad
 Supplemental Security Income (SSI)
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Customers must reside in an area where ATAT particlesses in the Utilize Program, in addition, if you live on their air recognition and addition, if you live on their air recognition and are expans for benefits the cost any qualifying program above or the Bureau of motest Atlant for youth you program above or the Sureau of motest Atlant for their program on because the state Surface, you may qualify for their Live. Up and expanded Lifeline Assistance.



PROOF OF PUBLICATION OF NOTICE The State of Mississippi County of YAZOO

Personally appeared before me, the undersigned Notary Public in and for the County and State aforesaid JASON PATTERSON, who being by me first duly sworn state on oath, that he is PUBLISHER of the YAZOO HERALD, a newspaper published in the City of Yazoo City, State and County aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper ______ times as follows.

Vol. No. 150 Number 3 Dated 6-23, 2021	Vol. No Number Dated, 20						
Vol. No Number Dated, 20	Vol. No Number						
Vol. No Number, 20	Vol. No Number Dated, 20						
Vol. No Number Dated, 20	Vol. No Number Dated, 20						
Affiant further states that said newspaper has been established for at least twelve months next prior to the first publication of said notice.							
(Signed) Jason Patielson, Polisher							
Sworn to and subscribed befor	e me, this 231d day of June, 2021						
(Signed) Sheila D. Trimm-Youn Notary Public	SSISSIPP SUBLIC OKSEAKOS JOHNS						
Legal Number Words Time Amount of legal \$ 640.00 Proof of Publication \$ Total Amount \$ 640.00	YAZOO.						